ICOM

VHF/UHF FM TRANSCEIVER

IC-E208

High Power Dual Bander with Wideband Receiver

55W VHF 50W UHF POWERFUL OUTPUT

Powerful 55W/50W output power

Individual MOS-FET power amplifier modules supply the power for Icom's most powerful dual band mobile with 55W/50W (VHF/UHF). Stable power for long distance communications plus reduced power settings (15/5W) for local communications.

Wideband receiver

See why Icom has a world renowned reputation for superb wideband receivers with the IC-E208. The IC-E208 wideband receiver covers 118–173, 230–549 and 810–999MHz as standard*. Listen to your Amateur VHF/UHF bands, as well as aviation, marine, and other utility communications in a compact mobile package. Extends your mobile radio enjoyment!

* Depending on version.

Detachable front panel

Limited installation space is no problem with the IC-E208. The separation cable, OPC-600R, is supplied with the radio allowing the compact remote control head* to be installed almost anywhere.

* 111 (W) × 40 (H) × 26.3 (D) mm

500 alphanumeric memory channels

With this much memory, you can fill your IC-E208 with your favorite frequencies and operation settings such as output power, tone, and more! Then name each memory channel with up to 6 characters for quick channel identification.

Improved Dynamic Memory Scan (DMS) system

The improved DMS system allows you to scan all the selected banks you want to scan by simply adding/deleting bank links with Icom's exclusive Bank Link system. Yet another convenient feature to make the IC-E208 a more practical radio.

User friendly design

The large multi-function tuning knob provides intuitive channel tuning or band hopping. The multicolor display lighting and backlit buttons adds a new 'fun' dimension to operating the IC-E208.

HM-133, remote control microphone

The supplied HM-133 remote control microphone allows you to control almost every function of the IC-E208 from the mic.



HM-133

And more...

- Built-in CTCSS and DTCS tone squelch
- 1750Hz tone capability for repeater access
- 16 DTMF memories (24 digits per channel)
- 9600bps data connector (mini DIN 6-pin)
- RF attenuator linked to the squelch control
- Pocket beep and tone scan
- Selectable squelch delay
- FM narrow capability

Icom Inc.

SPECIFICATIONS

GENERAL

• Frequency coverage : (Unit: MHz)

Version	Guaranteed range	Rx working range
Europe	144–146, 430–440	118–173.995, 230–549.995, 810–999.990
Europe-1	144–146, 430–440	144–146 430–440
Italy	144–146, 430–434, 435–438	118–173.995, 230–549.995, 810–999.990

• Mode : FM, FM-N, AM*, AM-N* *RX only; not guaranteed
• Number of memory channels : 512 (Including 2 call and 10 scan edges)
• Antenna impedance : 50Ω (SO-239)
• Power supply requirement : 13.8V DC ±15%
• Usable temperature range : –10°C to +60°C
• Frequency stability : ±10ppm (–10°C to +60°C)
• Tuning step increments : 5, 10, 12.5, 15, 20, 25, 30, 50, 100 and 200kHz
• Current drain (at 13.8V DC) : Receive Stand-by 0.8A
Max. audio output 1.0A
Transmit High (VHF/UHF) 12A/11.5A
• Dimensions (Proj. not included) : 141(W) × 40(H) × 185.4(D) mm
• Weight (approx.) : 1.2kg

TRANSMITTER

• Output power : VHF 55W, 15W (approx.), 5W (approx.) selectable
UHF 50W, 15W (approx.), 5W (approx.) selectable
• Max. frequency deviation : ±5.0kHz (wide), ±2.5kHz (narrow)
• Spurious emissions : Less than –60dB
• Microphone impedance : 600Ω (8-pin modular jack)

RECEIVER

• Intermediate frequencies : 1st/2nd 46.05MHz/450kHz
• Sensitivity (at 12dB SINAD) : Less than 0.18µV (144/430MHz band only)
• Squelch sensitivity : Less than 0.13µV (at threshold;144/430MHz band only)
• Selectivity (Wide/Narrow) : More than 12/6kHz at –6dB
Less than 30/20kHz at –60dB
• Spurious rejection ratio : More than 60dB
• Audio output (at 13.8V DC) : More than 2.0W at 10% distortion with an 8Ω load
• Ext. speaker connector : 2-conductor 3.5 (d) mm (⅛")/8Ω

Supplied accessories:
• Hand microphone, HM-133
• DC power cable, OPC-1132
• 3.5m (11.5ft) separation cable, OPC-600R
• Mounting bracket
• Spare fuse

All stated specifications are subject to change without notice or obligation.



OPTIONS

■ SEPARATION ACCESSORIES

• **OPC-600R, OPC-601R** SEPARATION CABLES
For operation with the front panel detached.
OPC-600R: 3.5m (11.5ft); OPC-601R: 7.0m (23.0ft)
• **MB-58** REMOTE CONTROL HEAD BRACKET
Mounts the remote control head in a convenient location for operation with the front panel detached.
• **MB-65** MOUNT BASE
Mounts the remote control head with the MB-58. Adjustable angle and direction for optimum positioning.
• **OPC-1132, OPC-347** DC POWER CABLES
OPC-1132: 3.0m (9.8ft); OPC-347: 7.0m (23ft)

■ MICROPHONE ACCESSORIES

• **HM-118N** HAND MICROPHONE
Regular hand microphone.
• **HM-118TN/TAN** DTMF MICROPHONE
DTMF microphone.
• **HM-133** REMOTE CONTROL MICROPHONE
Full remote control microphone with keypad backlighting.
• **OPC-440, OPC-647** MIC EXTENSION CABLES
OPC-440: 5.0m (16.4ft); OPC-647: 2.5m (8.2ft)
• **OPC-589** MIC ADAPTER CABLE
Allows you to connect an 8-pin microphone.

■ OTHER ACCESSORIES

• **CS-208** CLONING SOFTWARE
+ **OPC-478/OPC-478U** CLONING CABLE
For quick and easy programming of memories, etc.
OPC-478: RS-232C cable; OPC-478U: USB cable
• **OPC-474** CLONING CABLE
Transceiver to transceiver cloning cable.
• **MB-17A** MOBILE MOUNTING BRACKET
• **SP-10** EXTERNAL SPEAKER
• **OPC-441** SPEAKER EXTENSION CABLE
5.0m (16.4ft)







Icom Inc. 1-1-32, Kamiminami, Hirano-ku, Osaka 547-0003, Japan Phone: 06 6793 5302 Fax: 06 6793 0013 URL: http://www.icom.co.jp/world/index.html

Count on us!

Icom America Inc.
<Corporate Headquarters>
2380 116th Avenue N.E., Bellevue, WA 98004, U.S.A.
Phone: (425) 454-8155 Fax: (425) 454-1509
URL : http://www.icomamerica.com
<Customer Service> Phone: (425) 454-7619

Icom Canada
Glenwood Centre #150-6165 Highway 17,
Delta, B.C., V4K 5B8, Canada
Phone: (604) 952-4266 Fax: (604) 952-0090
URL : http://www.icomcanada.com

Icom (Australia) Pty. Ltd.
A.B.N. 88 006 092 575
290-294 Albert Street, Brunswick, Victoria, 3056, Australia
Phone: 03 9387 0666 Fax: 03 9387 0022
URL : http://www.icom.net.au

Icom New Zealand
146A Harris Road, East Tamaki, Auckland, New Zealand
Phone: 09 274 4062 Fax: 09 274 4708
URL : http://www.icom.co.nz

Icom (Europe) GmbH
Communication Equipment
Himmelgeister Str. 100, D-40225 Düsseldorf, Germany
Phone: 0211 346047 Fax: 0211 333639
URL : http://www.icomeurope.com

Icom Spain S.L.
Crta. de Gracia a Manresa Km. 14,750
08190 Sant Cugat del Valles Barcelona, SPAIN
Phone: (93) 590 26 70 Fax: (93) 589 04 46
URL : http://www.icomspain.com

Icom (UK) Ltd.
Unit 9, Sea St., Herne Bay, Kent, CT6 8LD, U.K.
Phone: 01227 741741 Fax: 01227 741742
URL : http://www.icomuk.co.uk

Icom France S.a
Zac de la Plaine, 1, Rue Brindejonc des Moulinais
BP 5804, 31505 Toulouse Cedex, France
Phone: (33) 5 61 36 03 03 Fax: (33) 5 61 36 03 00
URL : http://www.icom-france.com

Asia Icom Inc.
6F No. 68, Sec. 1 Cheng-Teh Road,
Taipei, Taiwan, R.O.C.
Phone: (02) 2559 1899 Fax: (02) 2559 1874
URL : http://www.asia-icom.com

Beijing Icom Ltd.
1305, Wanshang Plaza, Shijingshan Road,
Beijing, China
Phone: (010) 6866 6337 Fax: (010) 6866 3553
URL : http://www.bjicom.com



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